RAW SEQUENCE LISTING
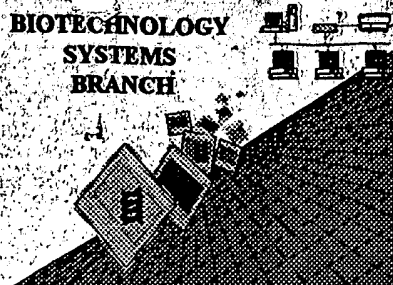# ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _O 9/908,988_

Source: _OIPE_

Date Processed by STIC: _2/29/2001_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

OIPE

RAW SEQUENCE LISTING   DATE: 07/27/2001
PATENT APPLICATION: US/09/908,988   TIME: 11:15:31

Input Set : A:\MYOG028US.txt
Output Set: N:\CRF3\07272001\I908988.raw

```
   3 <110> APPLICANT: OLSON, ERIC
   4        SPENCER, JEFFREY A.
   6 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STABILIZING MICROTUBULES
   7        IN STRIATED MUSCLE CELLS
   9 <130> FILE REFERENCE: MYOG:028US
C-->11 <140> CURRENT APPLICATION NUMBER: US/09/908,988
  12 <141> CURRENT FILING DATE: 2001-07-18
  14 <150> PRIOR APPLICATION NUMBER: 60/219,020
  15 <151> PRIOR FILING DATE: 2000-07-18
  17 <160> NUMBER OF SEQ ID NOS: 6
  19 <170> SOFTWARE: PatentIn Ver. 2.1
```

ERRORED SEQUENCES   Does Not Comply
                                          Corrected Diskette Needed

```
  21 <210> SEQ ID NO: 1
  22 <211> LENGTH: (1448)  1431 (p. 3)
  23 <212> TYPE: DNA
  24 <213> ORGANISM: Mus musculus
  26 <220> FEATURE:
  27 <221> NAME/KEY: CDS
  28 <222> LOCATION: (199)..(1296)
  30 <400> SEQUENCE: 1
  31 aaggagtgta gacagagtgt ctggaaatag acaggggtga gaggagctgt taggggaagg 60
  33 gacaggactc ttccaagagg gagcaatagc cgggatccca agaatccagt cagcctaaac 120
  35 tgaccgagga agggtgcaca ggcaggggag aaggccaacg acagggccac agcgaggcag 180
  37 gctccagagc gccgcggg atg aac ttc acg gtg ggt ttc aag ccg ctg cta    231
  38                     Met Asn Phe Thr Val Gly Phe Lys Pro Leu Leu
  39                      1               5                  10
  41 ggg gat gcg cac aac atg gac aac ttg gag aag cag ctc att tgc ccc    279
  42 Gly Asp Ala His Asn Met Asp Asn Leu Glu Lys Gln Leu Ile Cys Pro
  43             15                  20                  25
  45 atc tgc ctg gag atg ttc tcc aag ccc gtg gtg atc ttg ccc tgc caa    327
  46 Ile Cys Leu Glu Met Phe Ser Lys Pro Val Val Ile Leu Pro Cys Gln
  47         30                  35                  40
  49 cac aac ctg tgc cgc aag tgt gcc aac gac gtc ttc cag gcc tct aat    375
  50 His Asn Leu Cys Arg Lys Cys Ala Asn Asp Val Phe Gln Ala Ser Asn
  51     45                  50                  55
  53 cct ctg tgg caa tcc cgg ggc tcc aca acg gtg tct tca gga gga cgt    423
  54 Pro Leu Trp Gln Ser Arg Gly Ser Thr Thr Val Ser Ser Gly Gly Arg
  55  60                  65                  70                  75
  57 ttc cga tgc cca tct tgt agg cac gag gtt gtc ctg gac agg cat ggt    471
  58 Phe Arg Cys Pro Ser Cys Arg His Glu Val Val Leu Asp Arg His Gly
  59             80                  85                  90
  61 gtc tat ggc ctg cag cgg aac ctg cta gtg gag aac atc att gac atc    519
  62 Val Tyr Gly Leu Gln Arg Asn Leu Leu Val Glu Asn Ile Ile Asp Ile
  63             95                  100                 105
```

```
65 tac aag cag gag tcc tcc cgg cca ctg cac gcc aag gct gaa cag cac    567
66 Tyr Lys Gln Glu Ser Ser Arg Pro Leu His Ala Lys Ala Glu Gln His
67         110                 115                 120
69 ctc atg tgt gag gag cac gag gac gag aag atc aac atc tac tgc ctg    615
70 Leu Met Cys Glu Glu His Glu Asp Glu Lys Ile Asn Ile Tyr Cys Leu
71     125                 130                 135
73 agc tgc gag gtg ccc acc tgc tct ctc tgc aag gtt ttc ggc gcc cac    663
74 Ser Cys Glu Val Pro Thr Cys Ser Leu Cys Lys Val Phe Gly Ala His
75 140                 145                 150                 155
77 aag gac tgt gag gtg gcc cct ctg ccc acc att tac aaa cgc cag aag    711
78 Lys Asp Cys Glu Val Ala Pro Leu Pro Thr Ile Tyr Lys Arg Gln Lys
79                 160                 165                 170
81 agt gag ctg agc gat ggc atc gcg atg ctg gtg gcg ggc aat gac cgt    759
82 Ser Glu Leu Ser Asp Gly Ile Ala Met Leu Val Ala Gly Asn Asp Arg
83             175                 180                 185
85 gtg cag gca gtg atc acc cag atg gag gag gtg tgc cag acc att gag    807
86 Val Gln Ala Val Ile Thr Gln Met Glu Glu Val Cys Gln Thr Ile Glu
87             190                 195                 200
89 gac aac agc cgc aga cag aag caa ctg tta aac cag agg ttc gag acc    855
90 Asp Asn Ser Arg Arg Gln Lys Gln Leu Leu Asn Gln Arg Phe Glu Thr
91     205                 210                 215
93 ctg tgc gcg gtt ttg gag gag cgc aag ggc gaa ctg ctt caa gca ctg    903
94 Leu Cys Ala Val Leu Glu Glu Arg Lys Gly Glu Leu Leu Gln Ala Leu
95 220                 225                 230                 235
97 gcc cgg gag cag gag gag aag ttg cag cgc gtg cgg ggc ctc atc cgc    951
98 Ala Arg Glu Gln Glu Glu Lys Leu Gln Arg Val Arg Gly Leu Ile Arg
99                 240 .               245                 250
101 cag tac gga gac cac ttg gag ggc tcc tca aag ctg gtg gag tcc gcc    999
102 Gln Tyr Gly Asp His Leu Glu Gly Ser Ser Lys Leu Val Glu Ser Ala
103             255                 260                 265
105 atc cag tcc atg gag gag ccg cag atg gct ctc tac ctc cag cag gca   1047
106 Ile Gln Ser Met Glu Glu Pro Gln Met Ala Leu Tyr Leu Gln Gln Ala
107     270                 275                 280
109 aag gag ctg atc aac aag gtc ggg gca atg tcg aag gtg gag ctg gca   1095
110 Lys Glu Leu Ile Asn Lys Val Gly Ala Met Ser Lys Val Glu Leu Ala
111     285                 290                 295
113 gga cgg ccg gag cca ggc tat gag agc atg gag caa ttc tct gtg agc   1143
114 Gly Arg Pro Glu Pro Gly Tyr Glu Ser Met Glu Gln Phe Ser Val Ser
115 300                 305                 310                 315
117 gtg gag cac gtg gcc gaa atg ttg cga acc atc gac ttc cag ccg ggc   1191
118 Val Glu His Val Ala Glu Met Leu Arg Thr Ile Asp Phe Gln Pro Gly
119                 320                 325                 330
121 gcc gct ggg gat gaa gag gat gac gac atg gct ttg gat ggg gag gag   1239
122 Ala Ala Gly Asp Glu Glu Asp Asp Asp Met Ala Leu Asp Gly Glu Glu
123             335                 340                 345
125 ggc aat gcg ggg ctg gag gag gag cgg ctg gac gtg cca gaa ggc tca   1287
126 Gly Asn Ala Gly Leu Glu Glu Glu Arg Leu Asp Val Pro Glu Gly Ser
127             350                 355                 360
129 ggc ctg cac tgacccgact ctgatccaga gcgcacaccc gaagcgggag          1336
```

```
     130 Gly Leu His
     131     365
     133 ccaagggatg ctgaggatct gcgcagagac caccgcgcca ccaagctcgg cttcccgccc 1396
E--> 135 ccgggaaggt tctcaataaa ggactcaagt gtccc
```

(1434) 1431

VERIFICATION SUMMARY   DATE: 07/27/2001
PATENT APPLICATION: **US/09/908,988**   TIME: 11:15:32

Input Set : **A:\MYOG028US.txt**
Output Set: **N:\CRF3\07272001\I908988.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:135 M:254 E: No. of Bases conflict, LENGTH:Input:1434 Counted:1431 SEQ:1
L:135 M:252 E: No. of Seq. differs, <211>LENGTH:Input:1448 Found:1431 SEQ:1